

Express Mail Mailing Label: EV 327 623 427 US
Title: SYSTEM AND METHOD FOR USING NATIVE CODE INTERPRETATION
TO MOVE THREADS TO A SAFE STATE IN A RUN-TIME ENVIRONMENT
Inventors: Joakim Dahlstedt and Peter Lonnebring
Application No.: Unassigned
Docket No.: BEAS-01299US1
Attorney/Agent: Karl F. Kenna
Filing Date: Filed Herewith
Telephone No. (415) 362-3800

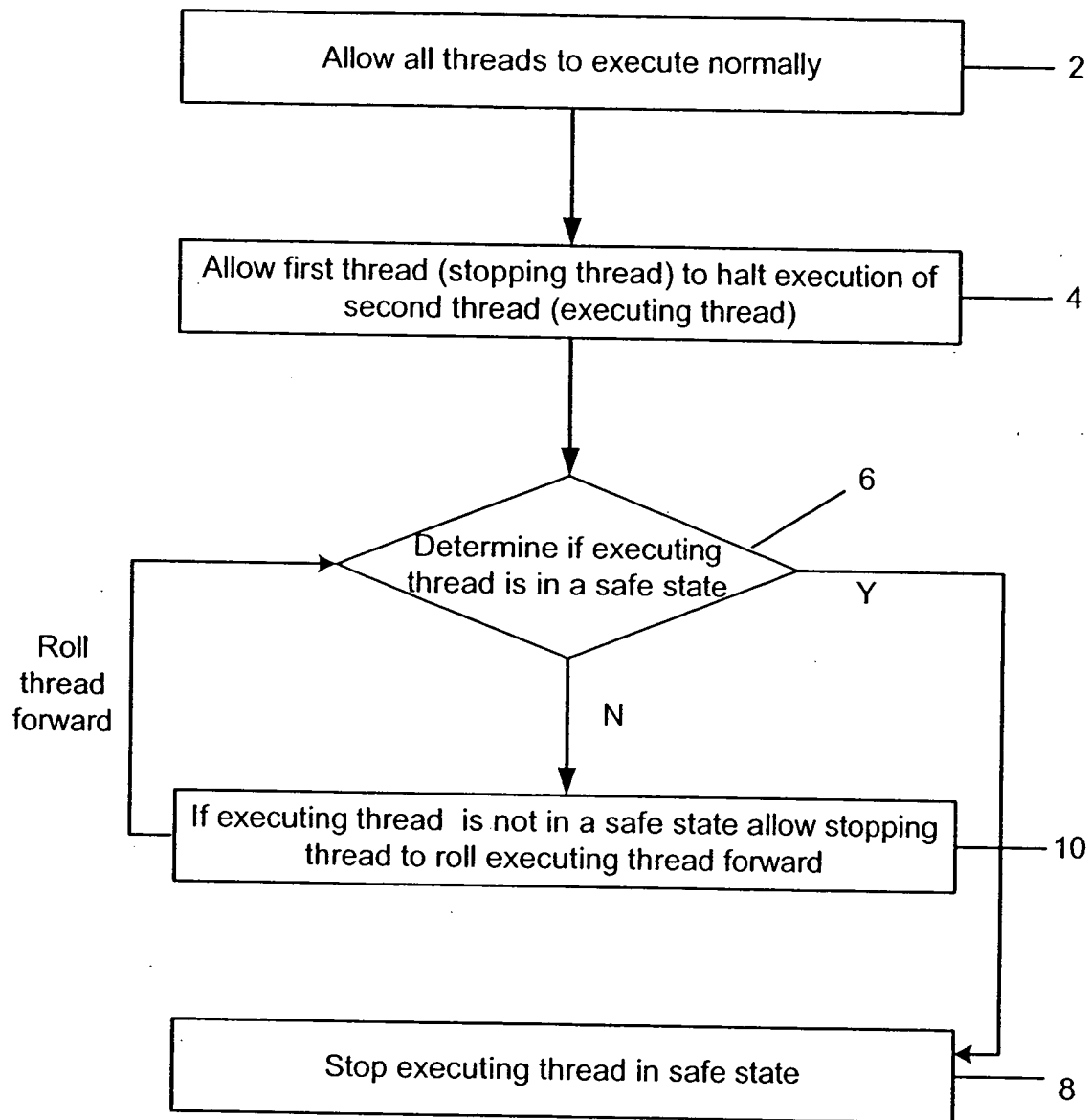


Figure 1

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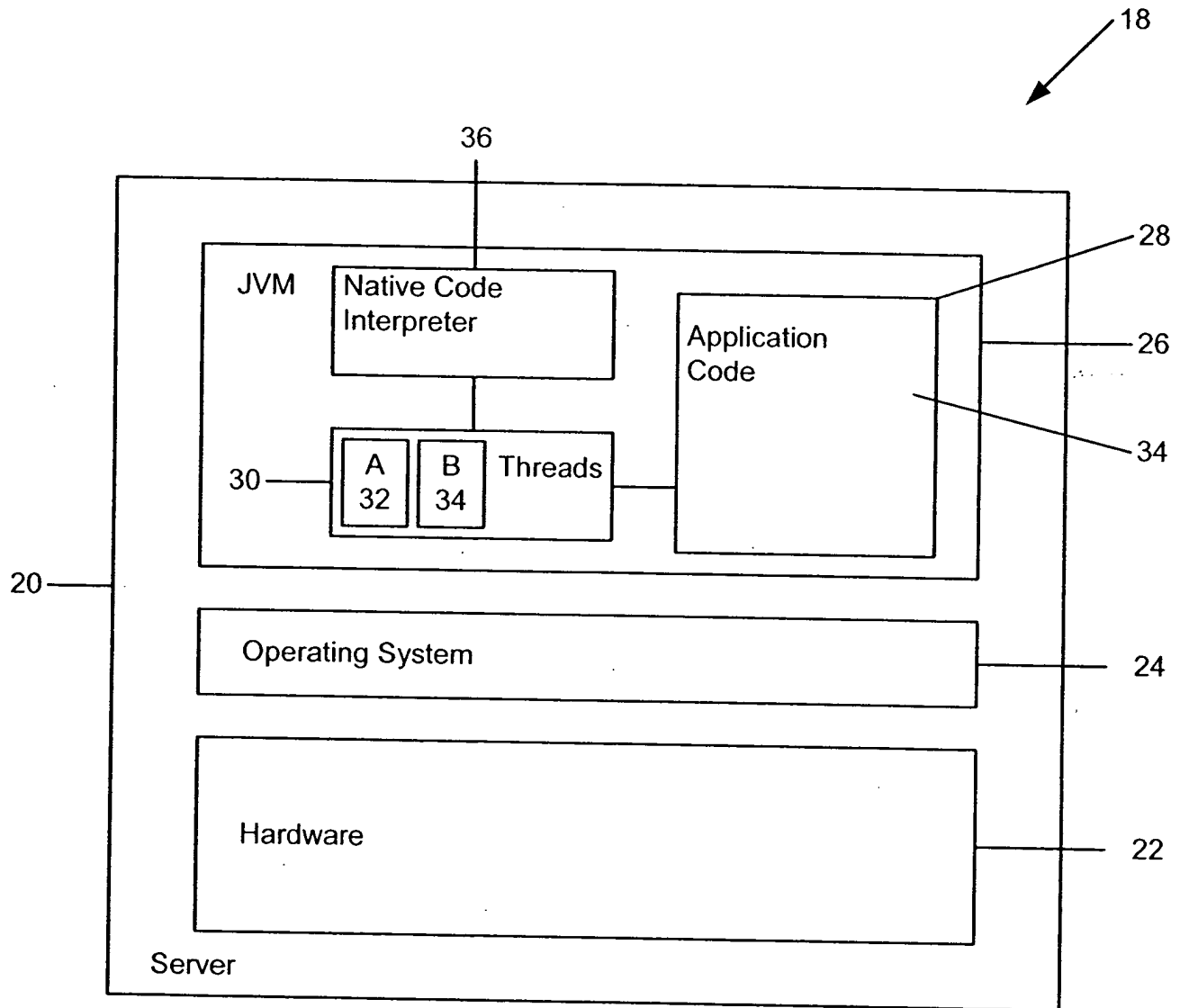


Figure 2

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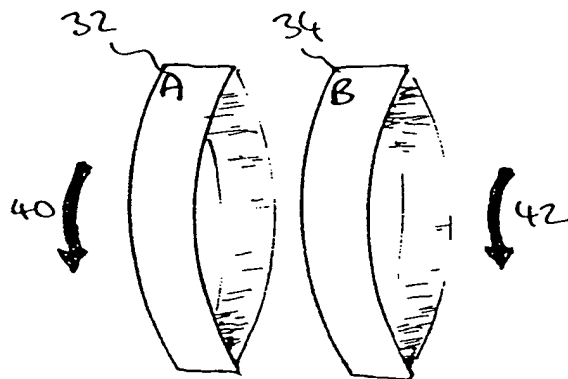
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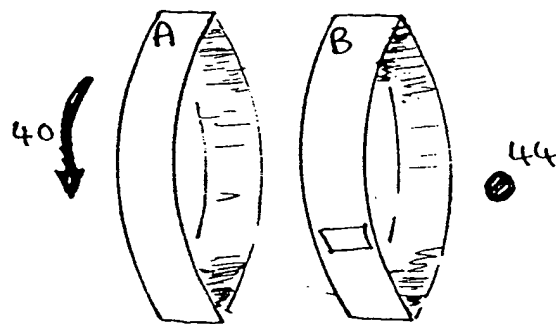
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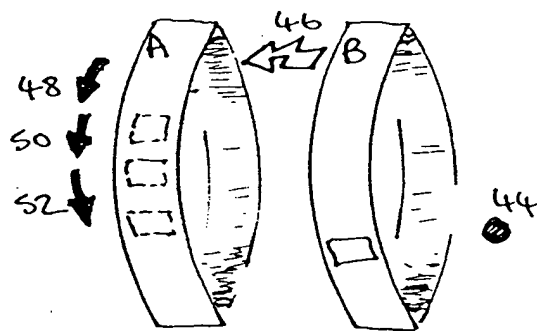
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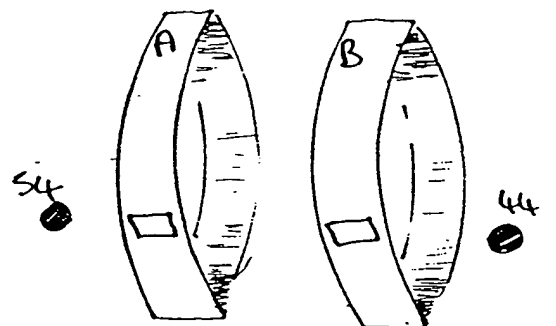
Runtime Environment Threads A
and B executing



Thread B stops, requests thread
A also be stopped



If Thread A is not in a safe-state,
thread B interprets machine
instruction at A,
and rolls it forward



Thread B stops A at safe-state

Figure 3

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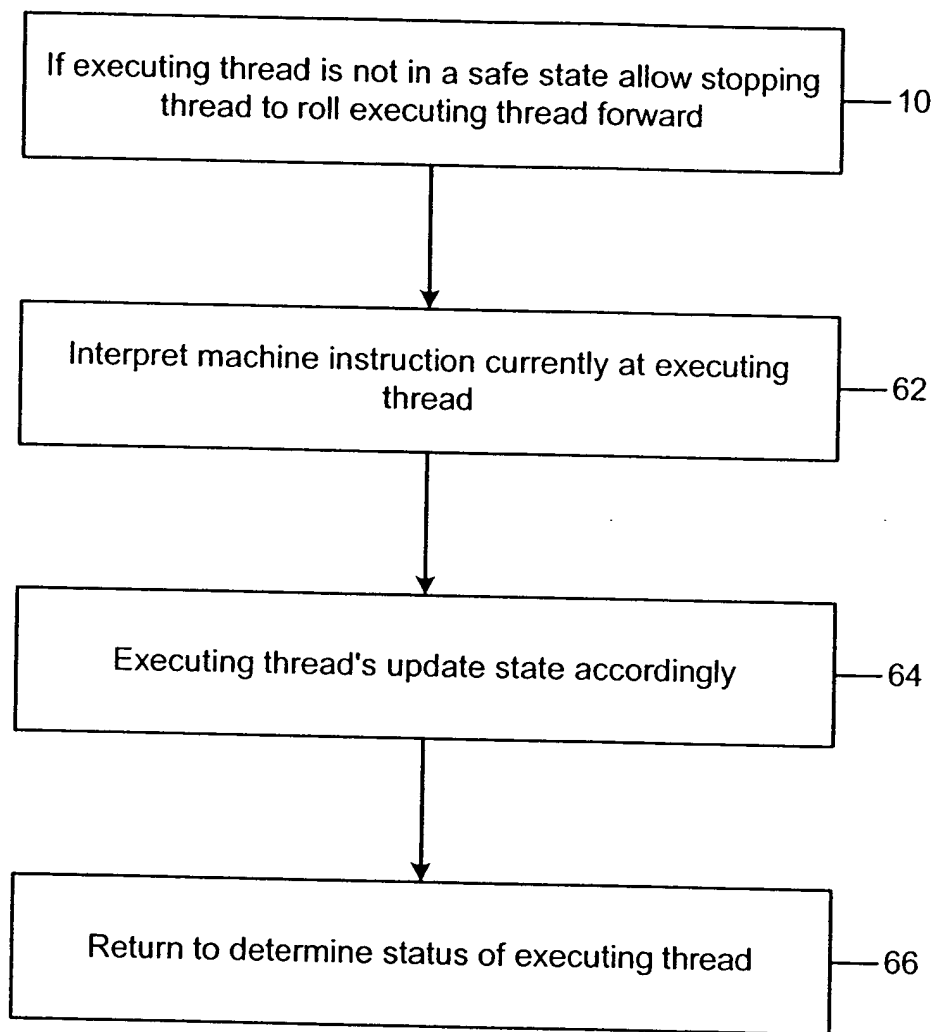


Figure 4